

LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

GENERAL INFORMATION:		DATE: 9-8-2004	
COUNTY: Prince Edward	CONTRACTOR/MUNICIPALITY: Nutri-Blend, Inc.		
NAME (OWNER/OPERATOR): Duane Gilliam			
INSPECTED BY: Scott Haley (writer)		PERMIT NO: VDH BUR 31	
FIELD NO: (T1289) 1		ACRES: 53.6	
OTHERS PRESENT: Anita Harrison, Richard Harrison, William Roselle, Duane Gilliam			
FIELD DATA/OBSERVATIONS:		TIME: 1545	
WEATHER: Rainy (heavy at times)		SOIL CONDITIONS: Wet	
BIOSOLIDS SOURCE: Middlesex Co.		BIOSOLIDS TYPE: Lime Stabilized	
SOIL pH: 6.2		SOLIDS CONTENT OF BIOSOLIDS (%): 32.04	
APPLICATION RATE: 20.26 PAN/DT expected 112lbs PAN/acre = PAN 5.53DT/acre			
CROP AND EXPECTED YIELD: Grass			
LOAD TO DATE (WT): as of 9/13 - 295.09dt total 5.51dt/ac applied x 20.26 = 111.6 lbs PAN/acre			
BIOSOLIDS APPLIED:	<input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> DEWATERED		
MODE OF APPLICATION:	<input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> SURFACE W/INCORP. <input type="checkbox"/> INJECTION		
APPLICATION LIMITED BY:	<input checked="" type="checkbox"/> NITROGEN <input type="checkbox"/> pH		
	<input type="checkbox"/> MAX. HYDRAULIC LOADING (LIQUID BIOSOLIDS)		
	<input type="checkbox"/> MAX. SOLIDS LOADING (15 DRY TONS/ACRE)		
	<input type="checkbox"/> OTHER (SPECIFY):		
FIELD OBSERVATIONS			<u>YES</u>
			<u>NO</u>
	BUFFERS OBSERVED:		x
	UNIFORM APPLICATION:		x
	PROPER FIELD RECORDS:		x
	SIGNS OF RUNOFF:		x
	TRUCKS NON-SPILL/WATERTIGHT:		x
	CONDITION OF HAUL ROUTE SATISFACTORY:		x
ODORS PRESENT:	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> ABOVE NORMAL*
OVERALL CONDITION OF SITE:	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> FAIR	<input type="checkbox"/> POOR

<p><u>COMMENTS:</u> (*explain):</p> <p>PAN = Plant Available Nitrogen</p> <p>DT = dry tons</p>	<p>A resident of Prince Edward County emailed Mr. Barrows, with the Piedmont Regional Office, DEQ, who forwarded the complaint to VDH. The complainant was concerned about possible runoff to her well from the land application site located across State Route (SR) 652 (Harris Creek Road). Mr. Haley met with the complainant and spoke briefly about their concerns (their well was observed to be approximately 30 feet from SR 652). Writer also spoke with another resident and confirmed the location of their well (approximately same distance from SR 652). Both wells were of fairly recent construction, properly sealed. No land application was occurring. No Nutri-Blend representatives were onsite. Buffer distances were observed to meet or exceed the requirements of the regulation (specifically 100 foot well buffer, 100 foot buffer to adjoining property and 200 feet to occupied dwellings). Mr. Gilliam (farmer) met Mr. Haley in the field while measuring buffers. No visible runoff was observed leaving the site. Any potential runoff would be routed to road ditches, and therefore would not impact the wells.</p> <p>Application rates and other required field records were obtained through telephone conversation with Bill Burnett, with Nutri-Blend, Inc.</p>
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COPIES: VDH - Div of Wastewater Engineering VDH BUR31 permit file
Piedmont Health District – Dr. Levine (email)
Prince Edward County – Jonathan Pickett (email)
Nutri-Blend, Inc. – Bill Burnett (email)
Anita Harrison (email)